## AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in the above-referenced application.

**Listing of Claims:**

1. (Currently Amended) A method of providing multiple jobs for a device associated with a communication device, comprising:

providing a plurality of device records, wherein each of the device records corresponds to [[a]] the device that is associated with the communication device;

providing a plurality of job records for at least one of the device records, wherein each of the job records contains at least some information that is also provided in the corresponding one of the device records; and

linking the job records and the corresponding device record so that any one of the job records may be accessed by first accessing the corresponding one of the device records.

2. (Original) A method, according to claim 1, further comprising:

providing one of a plurality of shared pointers in each of the job records and the corresponding one of the device records, wherein all of the shared pointers point to the corresponding one of the device records.

3. (Original) A method, according to claim 1, wherein linking the job records includes providing a forward pointer and a backward pointer for each of the job records.

4. (Original) A method, according to claim 3, wherein linking the job records also includes providing a pointer to one of the job records in the corresponding one of the device records.

5. (Original) A method, according to claim 1, wherein at least one of the device records includes a pointer to one of the job records corresponding to an active job.

6. (Original) A method, according to claim 1, wherein each of the job records includes information not found in other ones of the job records.

7. (Currently Amended)  A method of facilitating remotely accessing device information associated with a device, comprising:

creating a plurality of jobs for the device, wherein each of the jobs relates to at least _a portion of tasks associated with remotely accessing device information;

associating the jobs with a device record for the device; and

determining a link id for each of the jobs, wherein the link id uniquely identifies I/O operations for the job.


8. (Original) A method, according to claim 7, wherein creating a plurality of jobs includes:

finding a free element on a job record array;

obtaining a shared pointer that points to the device record for the device;

copying constants from the device record to each of the job records;

setting shared variables for each of the job records;

initializing job specific data for each of the job records;

setting pointers for each of the job records; and

incrementing a job counter by one for each of the job records.


9. (Original) A method, according to claim 8, wherein finding a free element on a job record array includes:

determining if a free element exists; and

if a free element does not exist, posting an error.

10 – 16. (Canceled).

17. (Currently Amended) Computer software that provides multiple jobs for a device associated with a communication device, comprising:

executable code that provides a plurality of device records, wherein each of the device records corresponds to [[a]] the device that is associated with the communication device;

executable code that provides a plurality of job records for at least one of the device records, wherein each of the job records contains at least some information that is also provided in the corresponding one of the device records; and

executable code that links the job records and the corresponding device record so that any one of the job records may be accessed by first accessing the corresponding one of the device records.

18. (Original) Computer software, according to claim 17, further comprising:

executable code that provides one of a plurality of shared pointers in each of the job records and the corresponding one of the device records, wherein all of the shared pointers point to the corresponding one of the device records.

19. (Original) Computer software, according to claim 17, wherein the executable code that links the job records includes executable code that provides a forward pointer and a backward pointer for each of the job records.

20. (Original) Computer software, according to claim 19, wherein the executable code that links the job records also includes executable code that provides a pointer to one of the job records in the corresponding one of the device records.

21. (Original) Computer software, according to claim 17, wherein at least one of the device records includes a pointer to one of the job records corresponding to an active job.

22. (Original) Computer software, according to claim 17, wherein each of the job records includes information not found in other ones of the job records.

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23. (Currently Amended) Computer software that facilitates remotely accessing device information <u>associated with a device</u>, comprising:

executable code that creates a plurality of jobs for the device, wherein each of the jobs relates to at least <u>a</u> portion of tasks associated with remotely accessing device information;

executable code that associates the jobs with a device record for the device; and

executable code that determines a link id for each of the jobs, wherein the link id uniquely identifies I/O operations for the job.


24. (Original) Computer software, according to claim 23, wherein executable code that creates a plurality of jobs includes:

executable code that finds a free element on a job record array;

executable code that obtains a shared pointer that points to the device record for the device;

executable code that copies constants from the device record to each of the job records;

executable code that sets shared variables for each of the job records;

executable code that initializes job specific data for each of the job records;

executable code that sets pointers for each of the job records; and

executable code that increments a job counter by one for each of the job records.

25. (Original) Computer software, according to claim 24, wherein executable code that finds a free element on a job record array includes:

executable code that determines if a free element exists; and

executable code that posts an error if a free element does not exist.

26. (New) The method of Claim 7, wherein the link id is used by a first communication device on a first data storage system and a second communication device on a second data storage system in connection with identifying said each job associated with the link id, said second data storage system including the device and said each job.

27. (New) The method of Claim 1, wherein the device and the communication device are included in a remote data storage system which communicates with a local data storage system including another communication device, a request from said local data storage system using said other communication device causing creation of one of said job records in said remote data storage system.

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